

ABSTRACT OF THE DISCLOSURE

A system for estimating a quantity of parasitic leakage of a fluid from a fluid collection unit includes a pressure sensor and a control circuit. The pressure sensor is coupled to the fluid collection unit and configured to produce a pressure value indicative of the pressure of the fluid collection unit. The control circuit is operable to determine a change in pressure value of the fluid collection unit and estimate the quantity of parasitic leakage based on the change in pressure value. The control circuit may also be operable to determine a bulk modulus value of the fluid and estimate the quantity of parasitic leakage based on the change in pressure value and the bulk modulus value.